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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/688,794-Conf. #9727
		Filing Date	October 15, 2003
		First Named Inventor	Kent Jarmemark
		Art Unit	1652
		Examiner Name	R. Kosson
Sheet	1	of	14
		Attorney Docket Number	58073(47137)

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-2001/0029320	10-11-2001	Trumbull et al.	
	AB*	US-2002/0063067	05-30-2002	Bech et al.	
	AC*	US-2002/0074227	06-20-2002	Nisch et al.	
	AD*	US-2002/0076689	06-20-2002	Farb et al.	
	AE*	US-2002/0083686	07-04-2002	Audino et al.	
	AF*	US-2002/0146822	10-10-2002	Takayama, et al.	
	AG*	US-2002/0182627	12-05-2002	Wang et al.	
	AH*	US-2003/0009112	01-09-2003	Hammerle, et al.	
	AI*	US-2003/0014081	01-16-2003	Bernabei	
	AJ*	US-2003/0022268	01-30-2003	Lepple-Wienhues	
	AK*	US-2003/0129581	07-10-2003	Owen et al.	
	AL*	US-2003/0153067	08-14-2003	Stett et al.	
	AM*	US-2004/0029101	02-12-2004	Orwar et al.	
	AN*	US-2004/0110307	06-10-2004	Karlsson et al.	
	AO*	US-2004/0112529	06-17-2004	Karlsson et al.	
	AP*	US-2004/0181343	09-16-2004	Wigstrom et al.	
	AQ*	US-2004/0182707	09-23-2004	Jarmemark et al.	
	AR*	US-2005/0009171	01-13-2005	Niels Fertig, et al.	
	AS*	US-2005/0026283	02-03-2005	Ormar et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	<del>BA</del>	<del>ON 1854845-A</del>	<del>05-21-2000</del>	<del>Lu Zuhong</del>		
	BB	DE-19936302-A1	02-15-2001	Fertig Niels et al.		
	BC	EP-0 986 758-A1	03-22-2000	A & Science Invest Ab		
	BD	EP-0010456-A1	04-30-1980	Eastman Kodak Co		
	BE	EP-0107631-A2	05-02-1984	Bifok Ab et al.		
	BF	EP-0347579-A2	12-27-1989	Messerschmitt Boelkow Blohm		

Examiner Signature	Date Considered
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BA-No statement of relevance or English translation provided.

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			Examiner Name	R. Kosson	
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U.S. PATENT DOCUMENTS					
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	AT*	US-2005/0048651	03-03-2005	Ryttsen et al.	
	AU*	US-2006/0078961	04-13-2006	Chiu et al.	
	AV*	US-2006/0223164	10-05-2006	Orwar et al.	
	AW*	US-2006/0234298	10-19-2006	Chiu et al.	
	AX*	US-2007/0155016	07-05-2007	Lee et al.	
	AY*	US-2007/0243523	10-18-2007	Ionescu-Zanetti et al.	
	AZ*	US-3,449,938	06-17-1969	Giddings	
	AA1*	US-3,503,712	03-31-1970	Sussman	
	AB1*	US-3,538,744	11-10-1970	Karasek	
	AC1*	US-3,565,537	02-23-1971	Fielding	
	AD1*	US-3,690,836	09-12-1972	Buissiere	
	AE1*	US-3,867,201	02-18-1975	Holmes	
	AF1*	US-3,992,158	11-16-1976	Przybylowicz et al.	
	AG1*	US-4,617,608	10-14-1986	Blonder et al.	
	AH1*	US-4,900,663	02-13-1990	Wie et al.	
	AI1*	US-4,935,040	06-19-1990	Goedert	
	AJ1*	US-5,116,495	05-26-1992	Prohaska	
	AK1*	US-5,137,817	08-11-1992	Busta et al.	
	AL1*	US-5,165,292	11-24-1992	Prohaska	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	MM-DD-YYYY			
	BG	EP-1145760-A2	10-17-2001	Caliper Techn Corp		
	BH	EP-376611-A2	07-04-1990	Univ Leland Stanford Junior		
	BI	FR-1444146-A	07-01-1966	Promoveo		
	BJ	GB-2 371 626-A	07-31-2002	Axon Instr Inc		✓
	<del>BK</del>	<del>JP 01 502 780-1</del>	<del>09-21-1999</del>	<del>Caliper Techn Corp et al</del>		
	<del>BL</del>	<del>JP 06 211010-A</del>	<del>06-19-1997</del>	<del>Dainichi Die Photonics Kenkyusho</del>		

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	AM1*	US-5,208,145	05-04-1993	Rogers	
	AN1*	US-5,376,252	12-27-1994	Ekstrom et al.	
	AO1*	US-5,449,492	09-12-1995	Krishtal	
	AP1*	US-5,501,662	03-26-1996	Hofmann	
	AQ1*	US-5,597,699	01-28-1997	Lanzara	
	AR1*	US-6,184,029	02-06-2001	Wilding et al.	
	AS1*	US-6,193,647	02-27-2001	Beebe et al.	
	AT1*	US-6,208,893	03-27-2001	Hofmann	
	AU1*	US-6,241,666	06-05-2001	Pomeranz et al.	
	AV1*	US-6,242,209	06-05-2001	Ransom, et al.	
	AW1*	US-6,278,895	08-21-2001	Bernard	
	AX1*	US-6,294,063	09-25-2001	Becker et al.	
	AY1*	US-6,326,177	12-04-2001	Schoenbach et al.	
	AZ1*	US-6,368,851	04-09-2002	Baumann, et al.	
	AA2*	US-6,455,303	09-24-2002	Orwar et al.	
	AB2*	US-6,470,226	10-22-2002	Olesen et al.	
	AC2*	US-6,521,430	02-18-2003	Orwar et al.	
	AD2*	US-6,686,193	02-23-2004	Maher et al.	
	AE2*	US-7,018,819	03-28-2006	Orwar et al.	

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	BM	JP-11-346794-A	10-01-1999	Mitsubishi International Corp.	
	BN	JP-6-089-161	08-16-1991	Tatsumi	
	BO	WO-00/20554-A1	04-13-2000	Zeneca Ltd et al.	
	BP	WO-00/34434-A1	06-15-2000	Acacia Biosciences Inc	
	BQ	WO-00/34776-A1	06-15-2000	Cenes Ltd et al.	
	BR	WO-00/62931-A1	10-26-2000	Clinical Micro Sensors Inc et al.	

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## U.S. PATENT DOCUMENTS

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		Country Code* Number* Kind Code* (if known)	MM-DD-YYYY			
BY	WO-02/04943-A2		01-17-2002	Squibb Bristol Myers Co		
BZ	WO-02/10747-A2		02-07-2002	Flyion GmbH et al.		
BA1	WO-02/24862-A2		03-28-2002	Cytion S A et al.		
BB1	WO-02/33066-A1		04-25-2002	Collecticon Ab et al.		
BC1	WO-02/65092-A2		08-22-2002	Affymax Inc		
BD1	WO-02/66596-A2		08-29-2002	Fertin Niels et al.		

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		Country Code* Number* Kind Code* (if known)	MM-DD-YYYY			
	BE1	WO-03/13647-A2	02-20-2003	Cyto Pulse Sciences Inc		
	BF1	WO-03/46170-A1	06-05-2003	Collectricon Ab et al.		
	BG1	WO-03/46171-A1	06-05-2003	Collectricon Ab et al.		
	BH1	WO-03/68906-A1	08-21-2003	Collectricon Ab et al.		
	BI1	WO-03/89564-A1	10-30-2003	Sophion Bioscience As et al.		
	BJ1	WO-04/36202-A1	04-29-2004	Collectricon Ab et al.		

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NON PATENT LITERATURE DOCUMENTS			
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	CA	<del>Collectricon AB's and Cyros AB's Answer to Defendants' Counterclaims and Affirmative Defenses in Collectricon AB, et al. v. Eluvion Biosciences, Inc., Case No. 5:09-cv-00416 (RMW)</del>	
	CB	European Search Report in EP Application No. 03703801 dated June 4, 2008.	
	CC	European Search Report in EP Application No. 03751872 dated November 2, 2005.	
	CD	European Search Report in EP Application No. 06717606 dated June 2, 2008.	
	CE	European Search Report in EP Application No. 070043451 dated May 16, 2007.	
	CF	European Search Report in EP Application No. 10014162 dated August 16, 2011.	
	CG	European Search Report in EP Application No. 10014163 dated August 12, 2011.	
	CH	European Search Report in EP Application No. 10014164 dated August 16, 2011.	
	CI	European Search Report in EP Application No. 79302339 dated January 1, 1980.	
	CJ	Farre et al., "Screening of Ion Channel Receptor Agonists Using Capillary Electrophoresis-Patch Clamp Detection with Resensitized Detector Cells", Anal. Chem. 2001, 73, 1228-1233.	
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<sup>2</sup>Applicant's unique citation designation number (optional). \*Applicant is to place a check mark here if English language Translation is attached.

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CK		Fertig et al., "Whole Cell Patch Clamp Recording Performed on Plana Glass Chip", Biophysical Journal, vol. 82, Jun. 2002, 3056-3062.	
CL		Fishman et al., "Cell-to-Cell Scanning in Capillary Electrophoresis", Analytical Chemistry, vol. 68 No. 7, Apr. 1, 1996, 1181-1186.	
CM		Fishman et al., "Identification of receptor ligands and receptor subtypes using antagonists in a capillary electrophoresis single-cell biosensor separation system", Proc. Natl. Acad. Sci. USA, vol. 92, pp. 7877-7881, Aug. 1995.	
<del>ON</del>		<del>Fluxion Biosciences, Inc.'s First and Counterclaims to Second Amended Complaint in Cellectis AB, et al. v. Fluxion Biosciences, Inc., Case No. 500-cv-0345 (RMW)</del>	
CO		Hamill et al., "Improved Patch-Clamp Techniques for High-Resolution Current Recording from Cells and Cell-Free Membrane Patches", Pflügers Archiv (1981) 391:85-100.	
CP		International Preliminary Examination Report dated July 24, 1992.	
CQ		International Preliminary Examination Report in PCT/US03/26125 dated April 11, 2005.	
CR		International Preliminary Report on Patentability in PCT/IB06/04236 dated April 28, 2009.	
CS		International Preliminary Report on Patentability in PCT/US06/000431 dated August 7, 2007.	
CT		International Search Report in PCT/IB06/04236 dated March 7, 2008.	

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Substitute for form 1449/PTO  <h2 style="text-align: center; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 10px 0;"><i>(Use as many sheets as necessary)</i></p>		<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Application Number</td> <td>10/688,794-Conf. #9727</td> </tr> <tr> <td>Filing Date</td> <td>October 15, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Kent Jardemark</td> </tr> <tr> <td>Art Unit</td> <td>1652</td> </tr> <tr> <td>Examiner Name</td> <td>R. Kosson</td> </tr> <tr> <td>Attorney Docket Number</td> <td>58073(47137)</td> </tr> </table>		Application Number	10/688,794-Conf. #9727	Filing Date	October 15, 2003	First Named Inventor	Kent Jardemark	Art Unit	1652	Examiner Name	R. Kosson	Attorney Docket Number	58073(47137)
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	CU	International Search Report in PCT/SE91/00327 dated July 30, 1991.	
	CV	International Search Report in PCT/US03/01027 dated May 28, 2003.	
	CW	International Search Report in PCT/US03/26125 dated January 22, 2004.	
	CX	International Search Report in PCT/US06/00431 dated July 23, 2007.	
	CY	Ionescu-Zanetti et al., "Mammalian electrophysiology on a microfluidic platform." Proc Natl Acad Sci U S A. 2005 Jun 28;102(26):9112-7	
	CZ	Jardemark et al., "Screening of Receptor Antagonists Using Agonist-Activated Patch Clamp Detection in Chemical Separations", Anal. Chem. 1998, 70, 2468-2474.	
	CA1	Klemic et al., "Micromolded PDMS planar electrode allows patch clamp electrical recordings from cells", Biosensors and Bioelectronics 17 (2002) 597-604.	
	CB1	McAllister et al., "Microfabricated Microneedles for Gene and Drug Delivery"; Annu. Rev. Biomed. Eng.; 2000; 02; pp. 289-313.	
	CC1	Nolkant et al., "Electroporation of Single Cells and tissues with an Electrolyte-filled Capillary"; Analytical Chemistry; Vol. 73; No. 18; September 15, 2001; pp. 4469 - 4477.	
	CD1	Orwar et al., "Patch-Clamp Detection of Neurotransmitters in Capillary Electrophoresis", Science, vol. 272, Jun. 21, 1996, 1779-1782.	

Examiner Signature	Date Considered
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<sup>1</sup>EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>	
	Application Number	10/688,794-Conf. #9727		
	Filing Date	October 15, 2003		
	First Named Inventor	Kent Jardemark		
	Art Unit	1652		
	Examiner Name	R. Kosson		
	Attorney Docket Number	58073(47137)		
Sheet	13	of	14	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CE1	Pihl et al., "Microfluidic gradient-generating device for pharmacological profiling," Analytical Chemistry 1 JUL 2005, vol. 77, no. 13, 1 July 2005 (2005-07-01), pages 3897-390.		
	<del>CF1</del>	<del>Reexamination Request for U.S. Patent No. 5,376,252 and appendices (Reexamination Control No. 90/009,913).</del>		
	<del>CG1</del>	<del>Reexamination Request for U.S. Patent No. 5,376,252 and appendices (Reexamination proceeding 90/006,201).</del>		
	<del>CH1</del>	<del>Reexamination Request for U.S. Patent No. 5,376,252 and appendices (Reexamination proceeding 90/009,758).</del>		
	<del>CI1</del>	<del>Reexamination Request for U.S. Patent No. 7,390,680 and appendices (Reexamination proceeding 95/000,549).</del>		
	<del>CL1</del>	<del>Reexamination Request for U.S. Patent No. 7,470,518 and appendices (Reexamination proceeding 95/000,550).</del>		
	<del>CK1</del>	<del>Reexamination Request for U.S. Patent No. 7,563,614 and appendices (Reexamination proceeding 95/000,549).</del>		
	CL1	Second Amended Complaint for Patent Infringement of U.S. Patent Nos. 5,376,252, 7,390,680, 7,470,518, and 7,563,614 in Cellectra AB, et al. v. Fluxion Biosciences, Inc., Case No. 5:09-cv-0315 (RMW)		
	CM1	Seo et al., "Integrated multiple patch-clamp array chip via lateral cell trapping junctions." Appl. Phys. Lett. 2004, 84, 1973-75		
	CN1	Sinclair et al. "A Cell-Based Bar Code Reader for High-Throughput Screening of Ion Channel-Ligand Interactions", Anal. Chem. 2002, 74,6133-6138.		

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Refs. CF1-CL1- incomplete cites; no years provided.

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	CO1	Stromberg et al., "Microfluidic Device for Combinatorial Fusion of Liposomes and Cells", Anal Chem. 2001, 73, 126-130.	
	CP1	Written Opinion in PCT/IB06/04236 dated July 3, 2008.	
	CQ1	Written Opinion in PCT/US06/000431 dated July 23, 2007.	

Examiner Signature	/Rosanne Kosson/	Date Considered	02/28/2012
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